



APEX 7HD

DESCRIPTION: Ladle and furnace brick, Resin Bonded, made with high-quality Fused grain. Very high erosion and slag resistance. Good oxidation resistance due to high-purity flake graphite. Antioxidants can be added.

USES INCLUDE: Electric Furnace hotspots
Electric Furnace sidewalls
Ladles
BOF working linings

CHEMICAL ANALYSIS: (TYPICAL CHEMICAL ANALYSIS)

(Approximate %)

MgO	97.5%
CaO	1.2%
SiO ₂	0.6%
Fe ₂ O ₃	0.6%
AL ₂ O ₃	0.2%

TYPICAL AS RECEIVED PROPERTIES:

Bulk Density, original g/cm ³	3.50
Crushing Strength psi (Mpa)	6000
Apparent Porosity %	2.5%
Antioxidants	Can be added
% Carbon	5 - 20

The values reported above are average values derived from production data encompassing many different sizes and shapes. Actual data will vary to a small degree naturally and as a function of size and shape. This form is not intended to be used for purposes of specification, it is informational only.